

Daily Rogue River Courier.

An Independent Republican News-Paper. United Press Leased Wire Telegraph Service

A. E. VOORHIES, Pub. and Prop.  
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SUNDAY, FEBRUARY 20, 1916.

OREGON WEATHER

Today fair east, increasing cloudiness, followed by rain, west portion.

EXPERIMENTS IN FERTILIZATION.

The Rogue River valley contains a variety of soils, all of exceeding fertility when properly handled. But through continuous cropping to certain crops some of the needed plant foods have been robbed from the soil while others are not available unless liberated through the application of other agents. Many of the problems that have confronted the grower can be solved through the work of the county agriculturist working in co-operation with the agricultural college and the farmers, but some individual investigators have already done valuable work in experimentation. On the River Banks farm of the Leonard Orchards, Clyde E. Niles, the manager, has conducted a number of original and highly valuable experiments that have produced results that every farmer would do well to heed. These experiments are in the fertilization of alfalfa and also clover fields, and show the increased returns that have come through proper knowledge of soil conditions.

With land plaster, at a cost of \$14 per ton, and applied at the rate of 200 pounds per acre, or a cost of \$1.90 an acre, 2,220 pounds of hay was harvested at one cutting, the value of the hay at \$10 per ton being \$11.10.

Superphosphate was applied at the rate of 200 pounds per acre, the yield of hay per acre being 5,373 pounds, valued at \$26.87. The cost of fertilizer per acre was \$2.80.

A check plot, upon which no fertilizer was applied, gave 1,710 pounds of hay per acre, valued at \$8.55.

The above were all from the first cutting, and the field was pastured during the balance of the season.

With a field of alfalfa, experiments were made in fertilizing with sulphur and with superphosphate, check plots being grown alongside. The plots were all taken from the center of the field, where conditions were uniform. The hay of the second and the fourth cuttings was weighed for the test.

Sulphur, valued at \$55 per ton, was applied at the rate of 200 pounds per acre. The second cutting produced 2.06 tons, and the fourth 1.28 tons, the total value being \$33.40.

Superphosphate, valued at \$23 per ton, was applied at the rate of 200 pounds per acre. The second cutting produced 1.49 tons, and the fourth 1.29 tons, of a total value of \$27.60.

The check plot without fertilization produced .39 tons at the second cutting and .44 at the fourth, the value being \$8.80.

In submitting these figures, Mr. Niles writes the Courier:

"From the weights taken of occasional loads from the balance of the field, we found that the fertilized sections gave us a return of 6 1/2 tons per acre for the season, while the unfertilized sections gave a return of from 1 1/2 to 2 tons per acre for the season. This field had been seeded to alfalfa in May, 1914, and had previously been farmed for about twenty-five years without anything in the way of fertility having been returned to the land.

"We have also received wonderful

A. F. C. Gingham's  
Amoskeag Seersucker  
Import and Serpentine Crepe

In the New Stripes, Fancy Patterns and Solid Colors

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results from the use of hay caps on the shocks of hay as it is put up in the field, but that is another story.

"The use of pure sulphur is said to have a tendency to increase the acidity in soils, therefore on soils where an acid condition exists ground lime stone should be used in connection with the sulphur or else use superphosphate or calcium sulphate instead of the pure sulphur.

"You will note that weights were obtained from the alfalfa at only two cuttings. The first cutting was put up during the very bad weather in May, when it was difficult to get fair weights owing to the rain, and the third cutting was put up during my absence in California. However, the first cutting was considerably heavier than the second, and the third was equally as heavy as the second."

ASTORIA WINS IN  
FREIGHT RATE CASE

Washington, Feb. 19.—Rates between Pacific coast cities and the inland empire of eastern Oregon, Washington and Idaho will undergo sweeping revision as the result of today's interstate commerce commission decision upholding the complaint of Astoria, Ore., against the Spokane, Portland & Seattle railroad and other lines. Undue discrimination was found to exist in favor of Puget sound ports under the existing rates, and the decision places Astoria on a rate parity with Seattle and Tacoma. The commission commented on the

fact that ocean liners do not stop at Astoria as long as lower rail rates exist from the inland empire to Puget sound cities.

"Apparently, therefore," said the findings, "Astoria can not develop into a great port while this rate relationship continues and the general relationship of Seattle, Tacoma and Astoria makes it clear that Astoria is subjected to an unlawful rate burden."

The commission assumes that Portland will later ask for lower rates to the inland empire than Astoria's, because it is 100 miles nearer, but says that reduction of the Portland rate does not necessarily follow as an inevitable consequence of the reduction now ordered. The decision was delivered by Commissioner Harlan.

Astoria, Feb. 19.—The city of Astoria donned holiday garb today on receipt of United Press dispatches saying that the interstate commerce commission rendered a favorable decision in the famous rate case.

The removal of the discriminatory rates eliminates the last obstacle in the way of Astoria's growth as one of the leading Pacific coast ports.

Two things heretofore have stood in the way of Astoria's growth as a port. The first was the Columbia river bar. That has disappeared. The second was discriminatory rates. Ships did not stop at Astoria because it cost more to bring cargoes to the wharves than it did at Seattle, Tacoma and Portland. The city protested in 1909. The commission decided against Astoria in 1913, and another complaint was filed. The taking of evidence began in June, 1914. The commission took the case under advisement in October, 1914.

Oregon mining laws, 40c. Courier per bundle. Courier office.

SUNSET ON THE ROGUE RIVER

The valley rolls to the river,  
And the river is tinged with fire  
As the shadows of the sunset quiver  
Like the strings of a golden lyre.  
And the mountains, like sentinels olden,  
In burnished steel they glow,  
While a kiss of the sunset golden  
They toss to the valley below.

The valley rolls to the river,  
But the cheek of the river is wan,  
Like the lips of a maid, when the giver  
Of the kiss in the twilight is gone.  
But the sentinel peaks are bolder,  
Like giants in the gloom they grow,  
And, with forest of guns at the shoulder,  
They guard the valley below.

—Harry E. Rieseberg.

Hitch Your Wagon to a Star

--if you can

But Hitch Up Anyway

We will make the harness and make it as you want it made, using the best oak tanned leather and trimmings of your selection.

REMEMBER--A Horse is no Better than His Harness

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Grants Pass Hardware Co.

POLITICAL POT

Registration of voters with the county clerk is getting livelier as the time for the primary election draws nearer, and at closing time Saturday night 644 were qualified for voting, an increase of 169 in the week. The proportion of republicans to democrats is running a strong three to one, the totals for the parties being as follows: Republicans, 464; democrats, 152; socialists, 18; prohibitionists, 10; progressives, 6; refused to state, 14.

George E. Lundburg has filed his notice of intention to become a candidate for the republican nomination for state senator from Josephine county with the secretary of state. Mr. Lundburg is a republican of long standing, and this is his first entry into the political arena. He is a large property owner of the county, and was formerly manager of a lumber business here.

The sheriff's job still appears the most attractive to office seekers, and in addition to those who have already entered the race, M. C. Dague and L. L. Jewell are now considered as prospective candidates. Mr. Dague says that he is now feeling out the public pulse, and if his diagnosis appears favorable, he will become a candidate. Others already in the race for the republican nomination are the incumbent, Sheriff Will Smith, and Constable John Randle. Two, A. A. Porter and M. M. Ainsworth, seek the democratic nomination.

A. E. Voorhies, owner and publisher of the Grants Pass Courier, who was here for the Lincoln banquet, is a candidate for the republican nomination for the legislature from Josephine county. Mr. Voorhies has lived in Oregon a number of years, understands the needs and desires of the state and her people, and would make an able representative of his county and southern Oregon.—Medford Sun.

Senator J. C. Smith is circulating petitions to have his name placed upon the ballot at the primary election in May, he seeking renomination as state senator from this county.

COMING EVENTS

Feb. 18, 19, 20, Friday-Sunday—State C. E. convention in Grants Pass.

Feb. 23, Wednesday—Music club concert, Italian evening, commercial club rooms.

Feb. 25, Friday—Baptist ladies will serve a 25c supper. 674

Feb. 26 and 27, Saturday and Sunday, Col. T. W. Scott, of Seattle, Wash., provincial officer of Washington, Oregon and Idaho for the Salvation Army, will be here.

Feb. 26, Saturday—Local teachers' institute at Kerby.

Feb. 29, Tuesday—Topsy-Turvy party at Presbyterian church.

Mar. 3, Friday—De Moss orchestra.

Keen Kutter tools and cutlery at the Rogue River Hardware. 660tf

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Four-room bungalow, modern. \$1,500; \$100 down, small monthly payments. Isaac Best. 679

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| 2 1/2 " | 1.00          | .75           |
| 5 "     | 2.00          | 1.50          |

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Grants Pass Rochdale Co.

He has served in that position for the past four years, and previous to that was a member of the lower house for a term. He has also been mayor of the city of Grants Pass.

W. H. Fallin has filed notice of his intention of becoming a candidate for the republican nomination for county assessor with the county clerk. Mr. Fallin is a pioneer in the county, and ran a close race for the republican nomination for treasurer at the last primary election.

Eclus Pollock, who has served Josephine county as its assessor for the past eight years, is again a candidate, his petitions having been prepared this week.

The only county official who will not seek re-election is Treasurer Peterson, who has served faithfully in that position for a number of years past. E. J. Lind, commissioner, has not yet announced his candidacy for

WILD ANIMAL TRAINER  
MANGLED BY HYENAS

Santa Monica, Cal., Feb. 19.—His legs and one arm broken by the fangs of three hyenas, John Dudak, trainer of the "Al G. Barnes" circus, lies near death at St. Catherine's hospital here tonight.

The hyenas rushed at Dudak when he attempted to drive them from their den into a transportation box. Before other attendants could drag him from the cage he had been terribly mangled. One of the hyenas was killed during the struggle.

MR. THOMMEN'S STOMACH  
NO LONGER TROUBLES HIM

Auburn, Cal., Feb. 19.—Fasting for 72 days for "the sake of his stomach," Andrew Thommen, a rancher, died in agony in a hospital.

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